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DESCRIPTION

Audio Signal Processing Method and Apparatus

Technical Field

The present invention relates to an audio signal processing method and apparatus suitably applicable to a home theater etc.

This application claims the priority of the Japanese Patent Application No. 2002-332565 filed on November 15, 2002 and No. 2002-333313 filed on November 18, 2002, the entireties of which are incorporated by reference herein.

Background Art

As a speaker system suitable applicable to a home theater, AV (audio and visual) system, etc., speaker arrays are disclosed in the Japanese Patent Application Laid Open Nos. 233591 of 1997 and 30381 of 1993. FIG. 1 shows one of the conventional speaker arrays, as a typical example. The speaker array generally indicated with a reference numeral 10 includes a plurality of speakers (speaker units) SP_0 to SP_n disposed in an array. In this speaker array, $n = 255$ and each of the speakers has a diameter of several centimeters, for example. Thus, the speakers SP_0 to SP_n are actually disposed two-dimensionally in a plane. In the following description, however, it is assumed that the speakers SP_0 to SP_n are disposed in a horizontal line for the simplicity of illustration and explanation.